

Title (en)

Method for automatic piloting of a rotary wing aircraft comprising at least one thruster propeller, associated automatic piloting device and aircraft

Title (de)

Selbststeuerungsverfahren eines Drehflügelflugzeugs, das mindestens einen Druckpropeller umfasst, entsprechende Autopilot und Flugzeug

Title (fr)

PROCEDE DE PILOTAGE AUTOMATIQUE D'UN AERONEF A VOILURE TOURNANTE COMPRENANT AU MOINS UNE HELICE PROPULSIVE, DISPOSITIF DE PILOTAGE AUTOMATIQUE ET AERONEF ASSOCIES

Publication

EP 2546715 B1 20171108 (FR)

Application

EP 12004693 A 20120622

Priority

FR 1102191 A 20110712

Abstract (en)

[origin: EP2546715A1] The method involves providing a rotor (3) with a set of blades (3'), and maintaining aerodynamic angle of incidence of a rotary wing aircraft i.e. helicopter, equal to a reference angle of incidence by automatically operating a collective pitch of the set of blades. The reference angle of incidence is equal to current aerodynamic incidence of the aircraft at the time of commitment of a mode of assisted piloting of the aircraft. Value of the reference angle of incidence is modified. An independent claim is also included for a device for automatic piloting of a rotary wing aircraft.

IPC 8 full level

G05D 1/00 (2006.01); **B64C 27/57** (2006.01); **B64D 45/00** (2006.01); **G05D 1/08** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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